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antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY
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Anti-15 Lipoxygenase 1/ALOX15 Antibody Picoband® Cy3 Conjugated

Catalog Number: PB9073-Cy3

About ALOX15

Arachidonate 15-lipoxygenase, also known as 15 LOX or LOG15, is an enzyme that in humans is encoded by the ALOX15 gene. This gene is mapped to 17p13.2. It is found that ALOX15 is a mutator gene. ALOX15 gene product is implicated in antiinflammation, membrane remodeling, and cancer development/metastasis. Loss of the TP53 gene, or gain-of-function activities resulting from the expression of its mutant forms regulates ALOX15 promoter activity in human and in mouse, albeit in directionally opposite manners.

Overview

Product Name	Anti-15 Lipoxygenase 1/ALOX15 Antibody Picoband® Cy3 Conjugated
Reactive Species	Human, Mouse, Rat
Application	Recommended applications are based on the parent unconjugated antibody (IHC, WB). Customers may select suitable applications according to their experimental needs.
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na2HPO4, 0.02% NaN3.
Storage Instructions	At -20˚C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	P16050

Technical Details

Immunogen	E.coli-derived human ALOX15 recombinant protein (Position: G2-P337). Human ALOX15 shares 72% and 73% amino acid (aa) sequences identity with mouse and rat ALOX15, respectively.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Cy3 Excitation Wavelength: 554 nm Emission Wavelength: 568 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

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